

AMENDMENTS TO THE DRAWINGS:

Please replace the informal drawings filed with the application with the five pages of formal drawings appended hereto. Two pages of annotated drawings are also appended, indicating changes to Drawing Sheets 2/5 (FIG. 2) and 3/5 (FIG. 3/5) as suggested by the Examiner.



Appl. No. 10/646,259
Amended. Dated February 6, 2007
Reply to Office Action of November 7, 2006

REMARKS/ARGUMENTS:

Claims 1-20 are pending in this application. In the Office Action dated November 7, 2006, the Examiner has objected to the term 'compliment' (block 68) in FIGs 2-3, objected to various informalities in the specification and in claims 1, 9-10, 12-14 and 17; rejected claim 9 under 35 USC 112, first paragraph, and rejected claims 9, 16 and 18 under 35 USC 112, second paragraph. These objections and rejections are addressed below in turn.

It is noted that the application was filed with 20 claims, whereas the office action mistakenly notes claims 1-21.

Drawings: Appended hereto are five sheets of formal drawings to replace the informal drawings filed with the application. As can be seen by the annotated sheets 2/5 and 3/5, the formal drawings make the change to block 68 suggested by the Examiner. No new matter is added.

Specification: Each and every suggestion made by the Examiner regarding the specification is made herein. The greek letters used in the above changes to replace the various boxes in are consistent with the textual description of those terms already in the specification. Further, the undersigned representative attests that those greek letters inserted above are also consistent with an electronic draft of the application bearing a 'last modified' date prior to the filing date of this application. No new matter is added.

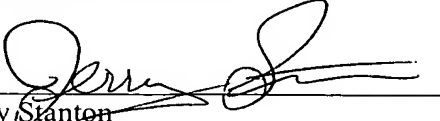
Claims: Each of the objections noted by the Examiner is corrected as suggested in the above listing of claims. Respecting the rejections, claim 9 is amended to delete the terms "differentially weighted" and "apart from the first circuit branch"; claim 16 is amended to recite similar to claim 20, and claim 18 is amended to avoid use of the term "defines two inputs". As only the inputs to the multiplier are specifically recited in independent claim 17, only those two "said inputs" are characterized in dependent claim 18 as amended. No new matter is added.

The Applicants thank the Examiner for noting the objections and providing an opportunity to correct them. All objections and rejections are seen to be fully addressed, and the Applicants now respectfully request that claims 1-20 be passed to issue. The undersigned representative

Appl. No. 10/646,259
Amdt. Dated February 6, 2007
Reply to Office Action of November 7, 2006

welcomes the opportunity to resolve any matters that may remain, formal or otherwise, via
teleconference at the Examiner's discretion.

Respectfully submitted:



Jerry Stanton
Reg. No.: 46,008

Date February 6, 2007

Customer No.: 29683
HARRINGTON & SMITH, PC
4 Research Drive
Shelton, CT 06484-6212
Phone: (203) 925-9400
Facsimile: (203) 944-0245
Email: gstanton@hspatent.com

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal
Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box
1450, Alexandria, VA 22313-1450.

February 6, 2007
Date



Name of Person Making Deposit



BEST AVAILABLE COPY

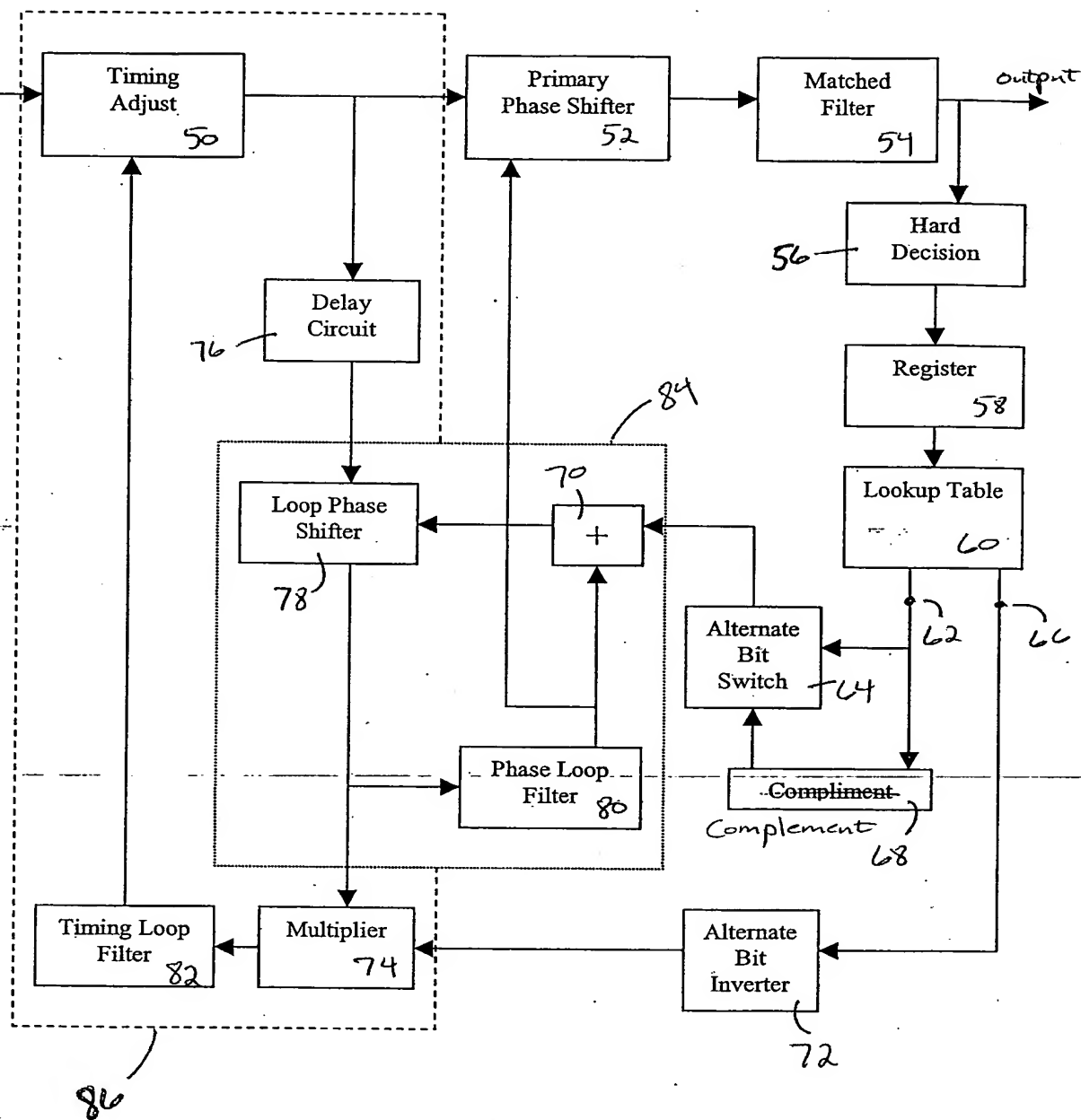


Figure 2

BEST AVAILABLE COPY

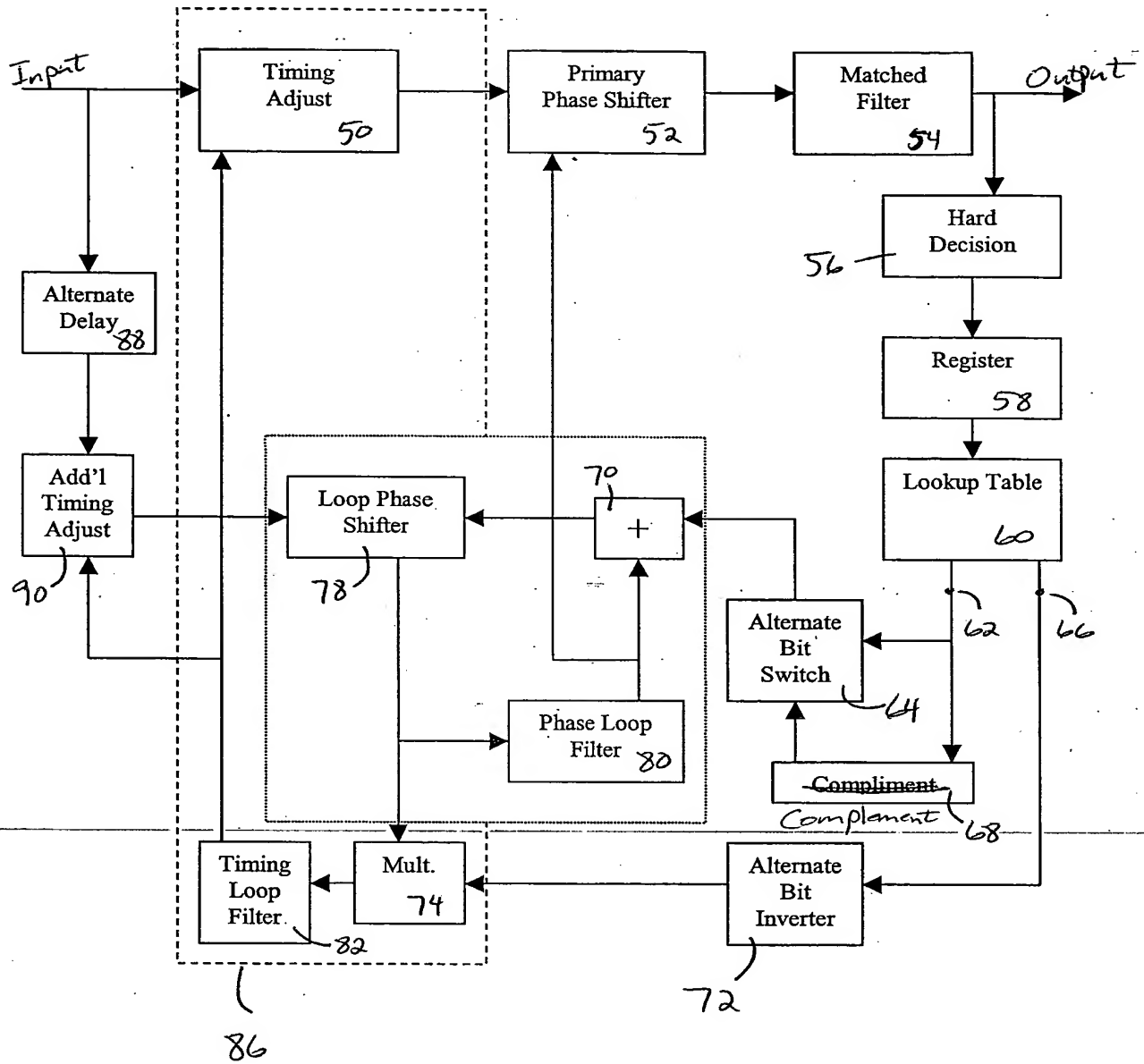


Figure 3